

MATERIAL SAFETY DATA SHEET

MSDS # 0039-A

ABSORBINE ULTRASHIELD

W. F. YOUNG, INC.
302 Benton Drive
East Longmeadow, MA 01028

Non-Emergency Telephone:
MA (413) 526-9999

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Absorbine UltraShield Brand Residual Insecticide & Repellent
PRODUCT DESCRIPTION: Aqueous Insecticide
EPA REG. No. 1543-12

MEDICAL EMERGENCY TELEPHONE (Poison Center): (303) 623-5716
TRANSPORTATION EMERGENCY TELEPHONE (Chemtrec): 1-800-424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS (Typical Values)

HAZARDOUS INGREDIENTS	CAS NO.	WT. %	ACGIH(TLV)	OSHA(PEL)
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Sodium Hydroxide	1310-73-2	<0.5	2mg/m ³	2mg/m ³
Permethrin	52645-53-1	0.5	N/E	N/E
Piperonyl Butoxide, Technical	51-03-6	1.00	N/E	N/E
Pyrethrins	8003-34-7	0.1	5 mg/m ³	5 mg/m ³

OTHER IMPORTANT INGREDIENTS

SECTION 3: HAZARDS IDENTIFICATION

Signs and Symptoms of Exposure

Not established. See Section 11 for screening test results.

Routes of Entry: Inhalation? Skin? Ingestion?
 Yes Yes Yes

Health Hazards (Acute and Chronic) The Health effects noted below are consistent with requirements under OSHA Hazard Communication Standard (29 CFR 1910.1200).

EYE CONTACT:

Severely irritating

SKIN CONTACT:

Mildly irritating

INHALATION:

No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation exposure.

INGESTION:

May produce irritation of the mouth, pharynx, esophagus, and stomach.

Carcinogenicity: NTP? No IARC Monograph? No OSHA Monograph? No

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention as soon as possible.

SKIN CONTACT:

Remove contaminated clothing and wash affected areas with soap and water. If irritation occurs, get medical attention.

INHALATION:

Remove victim to fresh air, treat symptomatically. Get medical attention if symptoms persist.

INGESTION:

Contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed by a physician.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Method Used)

200 F (TCC)

Flammable Limits

N/E

LEL

N/E

UEL
Extinguishing Media

Use Foam, CO₂ dry chemical, and Water Fog.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards

None.

SECTION 6: ACCIDENTAL RELEASE MEASURES & DISPOSAL**Spill Control Methods**

Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste. Avoid runoff into storm sewers and ditches which lead to natural waterways. All clean up and disposal should be carried out in accordance with Federal, State, and Local Regulations. If required, state and local authorities should be notified.

Waste Disposal Methods

Do not contaminate water, food, or feed by storage or disposal. This product, when spilled or disposed of, is a hazardous solid waste, as defined in Resource Conservation Recovery Act regulations (40 CFR 261).

Pesticide Disposal: Product that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Do not reuse empty container. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

SECTION 7: HANDLING & STORAGE**Precautions To Be Taken In Handling & Storing**

Store upright at room temperature.

Other Precautions

Keep container closed. Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material.

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes, or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION**Respirator Protection**

N/A

Ventilation

Use adequate ventilation if in high concentrations.

Skin and Eye Protection:

Avoid contact with eyes. Wear chemical goggles if there is likelihood of contact with eyes.

Avoid prolonged or repeated contact with skin.

Other Protective Clothing or Equipment:

Eye wash; safety showers; wash after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	Not Established
MELTING POINT:	N/A
VAPOR PRESSURE:	Not Established
VAPOR DENSITY (AIR=1):	Not Established
EVAPORATION RATE: (butyl acetate = 1)	Not Established
VOLATILE FRACTION BY WEIGHT:	1%
SOLUBILITY IN WATER (By weight %):	100%
SPECIFIC GRAVITY (H ₂ O=1):	0.996
pH:	
APPEARANCE:	Cloudy, slightly yellow liquid
ODOR:	Insecticide type

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to avoid):	Strong oxidizing agents.
Hazardous Decomposition or By-Products:	Carbon dioxide and carbon monoxide
Hazardous Polymerization:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity Category III
Oral LD50:

Dermal LD50:

Inhalation LC50:

EPA Acute Dermal Toxicity Limit:

Eye effects:	Severely irritating
Skin effects:	Mildly irritating

SECTION 12: ECOLOGICAL INFORMATION

Avoid runoff into storm sewers and ditches which lead to natural waterways. This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Do not contaminate water, food, or feed by storage or disposal. This product, when spilled or disposed of, is a hazardous solid waste as defined in Resource Conservation Recovery Act regulations (40 CFR 261).

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SECTION 14: TRANSPORTATION INFORMATION

DOT, IMO, ICAO, Transport Canada

NFPA

HAZARD CLASS:

HEALTH... 2

PROPER SHIPPING NAME: Insecticide O/T Agricultural

FLAMMABILITY ... 1

UN NUMBER: None

REACTIVITY..... 0

LABEL: None

SPECIAL..... None

PACKING GROUP:

4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

PLACARD:

FLASH POINT: >200 F

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATION

OSHA:

TSCA:

CERCLA HAZARDOUS SUBSTANCE (40 CFR 302): Reportable quantity, sec. 302.4: 1 lb (0.545 Kg)

SARA Title III: Threshold planning quantity, sec. 302

SARA Hazard Categories:

CHEMICAL SUBSTANCE	CAS NO.	CONCENTRATION % WT.
Pyrethrins	8003-34-7	0.1 MA TURA-3B; FL; RI (toxic); PA (environmental) ; NJ
Sodium Hydroxide	1310-73-2	<0.5 RQ = 1000 lb; MA TURA-3B; SARA Title 313; FL; PA; NJ; RI

SECTION 16: OTHER INFORMATION

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